



State of Oklahoma  
Department of Agriculture, Food, and Forestry

Mary Fallin  
Governor

Jim Reese  
Secretary of Agriculture

February 24, 2017

The Oklahoma Department of Agriculture, Food, and Forestry (ODAFF) has compiled the attached report summarizing the Oklahoma poultry waste movement (state-wide), with more specific break-downs of poultry waste information from the Illinois River Watershed and the Eucha-Spavinaw Watershed.

The Oklahoma Registered Poultry Feeding Operations Act (Title 2 § 10-19-1) and Rules (35:17-5) along with the Oklahoma Poultry Waste Applicators Certification Act (Title 2 § 10-9-16) and Rules (35:17-7) require the submittal to ODAFF of the following: 1) Oklahoma poultry waste applicator annual application reports by September 1 annually (for poultry waste applied in Oklahoma) and 2) Oklahoma Registered Poultry Feeding Operation records of poultry waste sold or given away. The enclosed information represents fiscal year 2016 (July 1, 2015 to June 30, 2016) with the exception being the Eucha-Spavinaw Watershed section. This information is based on calendar year 2016, as the Federal Court Case Settlement requires applicators and poultry feeding operation annual reports represent a calendar year worth of records and the records are submitted to the ODAFF Eucha-Spavinaw Team by the end of each year. As a result of Oklahoma HB 2208, the litter applicator reporting date was changed from December 31 - as has been noted on previous reports - to September 1 annually. This is the first report noting this date change.

Table of Contents

	Page #
Oklahoma Poultry Litter Movement by County Summary.....	1
Oklahoma Registered Poultry Feeding Operations Numbers.....	1
Oklahoma Poultry Litter Application by County Summary.....	2
Oklahoma Illinois River Watershed Poultry Waste Summary .....	3
Oklahoma Eucha-Spavinaw Watershed Poultry Waste Summary .....	3
Oklahoma Nutrient Limited Watersheds Map .....	4

Respectfully,

Jeremy Seiger  
Director, ODAFF  
Agricultural Environmental  
Management Services Division





## Oklahoma Poultry Waste (Litter)

### Movement by County<sup>\*</sup>

July 1, 2015 through June 30, 2016

County	Litter Applied on PFO <sup>**</sup> (Tons)	Available Acres on PFO <sup>***</sup>	Litter Sold or Transferred off PFO <sup>****</sup> (Tons)	Number of Licensed Farms <sup>*****</sup>	Number of Houses	Licensed Bird Capacity
ADAIR	3,166	3,226	31,596	37	248	5,415,100
BLAINE	980	1,386	0	1	2	20,000
CHEROKEE	1,241	1,450	3,058	8	30	664,000
CHOCTAW	572	1,340	826	4	12	278,200
CRAIG	470	1,040	4,537	7	44	1,223,000
CREEK	290	107	210	1	2	24,000
DELAWARE	4,986	12,389	62,967	111	457	10,803,500
HASKELL	4,184	11,168	8,713	32	103	2,223,500
LATIMER	786	625	735	3	9	212,100
LE FLORE	9,766	31,099	40,972	107	367	9,355,531
MAYES	868	715	5,999	12	54	1,108,000
MCCURTAIN	9,016	13,882	36,740	63	258	5,606,720
MCINTOSH	0	0	1,697	4	9	93,850
MURRAY	0	0	7,188	1	11	1,200,000
MUSKOGEE	1,212	902	2,380	9	20	219,500
OKMULGEE	150	120	0	1	1	11,000
OTTAWA	676	9,340	15,129	17	97	2,059,800
PUSHMATAHA	240	425	0	1	1	9,500
ROGERS	0	0	7,560	4	33	1,200,000
SEQUOYAH	1,303	3,009	3,040	16	34	417,500
<b>FY 16 Totals</b>	<b>39,906</b>	<b>92,223</b>	<b>233,347</b>	<b>439</b>	<b>1,792</b>	<b>42,144,801</b>
Average Tons Litter Applied/Acre	0.43					

<sup>\*</sup> As reported from Licensed Poultry Feeding Operation (PFO) Records for FY15 (July 1, 2015 through June 30, 2016)

<sup>\*\*</sup> Amount of litter applied on acreage associated with PFOs (amount of litter generated on site and applied on site)

<sup>\*\*\*</sup> Total acreage available for litter applications associated with PFOs

<sup>\*\*\*\*</sup> Reported amount of litter sold or transferred off PFOs

<sup>\*\*\*\*\*</sup> This is not total number of Licensed PFOs, rather only the ones that either land applied or transferred off site.





## Oklahoma Poultry Waste (Litter)

### Applied by County \*

July 1, 2015 through June 30, 2016

County	Reported Total Tons Litter Applied	Reported Total Acres Applied to	County Average Application Rate
Adair	9,077	6,247	1.5
Atoka	84	20	4.2
Bryan	1,470	1,056	1.4
Carter	167	120	1.4
Cherokee	4,704	2,836	1.7
Choctaw	2,456	1,214	2
Craig	25,246	12,874	2
Creek	990	393	2.5
Delaware	29,701	17,518	1.7
Garvin	1,824	1,168	1.6
Grady	517	439	1.2
Greer	360	360	1
Harmon	1,246	1,040	1.2
Haskell	12,539	6,103	2.1
Hughes	876	446	2
Johnston	1,871	1,022	1.8
Kay	727	872	0.8
Latimer	2,391	1,342	1.8
Le Flore	30,325	17,360	1.7
Lincoln	313	212	1.5
Marshall	449	300	1.5
Mayes	7,251	3,432	2.1
McCurtain	10,766	4,858	2.2
McIntosh	2,724	1,797	1.5
Muskogee	15,317	7,915	1.9
Nowata	3,820	2,814	1.4
Okfuskee	5,890	2,705	2.2
Okmulgee	4,005	2,469	1.6
Ottawa	15,560	7,784	2
Pawnee	114	57	2
Payne	177	80	2.2
Pittsburg	450	200	2.2
Pontotoc	3,269	1,630	2
Pottawatomie	1,832	660	2.8
Pushmataha	127	83	1.5
Rogers	2,569	1,370	1.9
Seminole	475	458	1
Sequoyah	6,568	3,202	2.1
Wagoner	10,413	5,629	1.8
Washington	129	98	1.3
Total:	218,789	120,183	
Tons Litter Applied/Acre **			1.8

\* As reported from Licensed Poultry Waste Applicator (PWA) Reports for FY16 (July 1, 2015 through June 30, 2016)

\*\* State Average Litter Application Rate

## Oklahoma Illinois River Watershed Poultry Litter Statistics

July 1, 2015 through July 30, 2016

	<u>TONS</u>
• Amount of litter applied within IRW .....	9,199
• Amount of litter originating from within OK IRW but applied outside IRW in OK.....	12,066
• Amount of litter originating from within OK IRW but exported to other States.....	24,753

## 2016 Oklahoma Eucha-Spavinaw Watershed Poultry Litter Statistics

January 1, 2016 through December 31, 2016

	<u>TONS</u>
Total poultry waste production in Eucha-Spavinaw (ES) Watershed.....	42,726
Total land application in Watershed by Poultry Feeding Operation (PFO).....	2,015
Total land application in Watershed by non-PFO.....	5,523
Total moved out of the Watershed to other Oklahoma Counties.....	20,761
Total exported out of the Watershed to other States.....	14,428

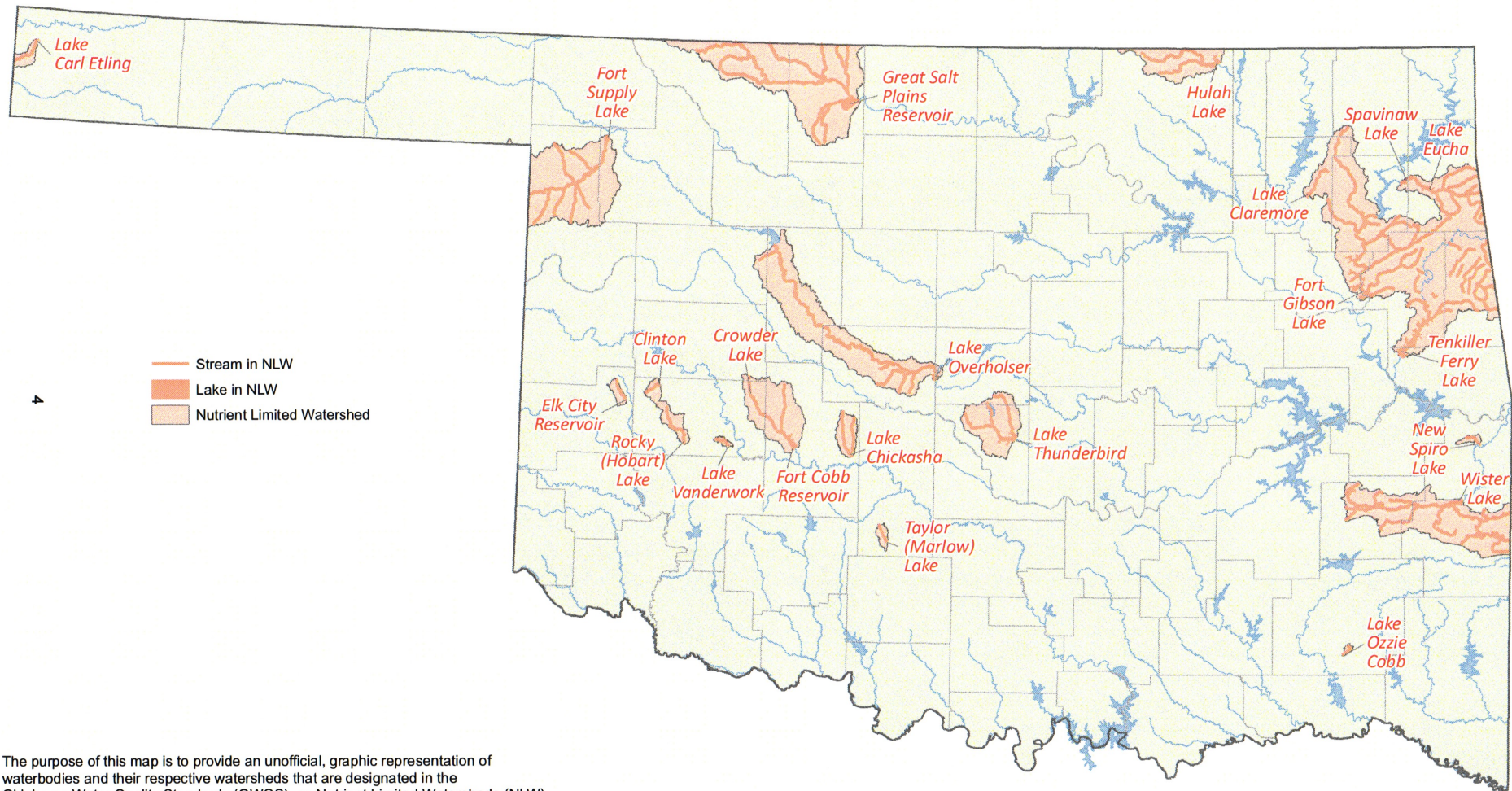
### Eucha-Spavinaw Grand Totals

Grand total tons of poultry waste hauled out of Watershed .....	41,522
Grand total tons of poultry waste produced in Watershed .....	42,726
Grand total tons of poultry waste land applied in Watershed .....	7,538
Poultry waste exported out of the Oklahoma ES Watershed in 2016 .....	97%



# Oklahoma Water Quality Standards

## Nutrient Limited Watersheds (NLW)



The purpose of this map is to provide an unofficial, graphic representation of waterbodies and their respective watersheds that are designated in the Oklahoma Water Quality Standards (OWQS), as Nutrient Limited Watersheds (NLW). The official version of the OWQS is published by the Oklahoma Secretary of State in the Oklahoma Administrative Code at Title 785, Chapter 45 (<http://www.sos.ok.gov>). A complete but unofficial version of the OWQS is available through the OWRB homepage (<http://www.owrb.ok.gov>). 7/1/2011

